

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| S1    | 390  | 455/439.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO  | OR               | ON      | 2005/10/05 17:13 |
| S2    | 400  | transition\$4 near2 ((base near2 station) or (access near2 point) or (node adj B))        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO  | OR               | ON      | 2005/10/05 17:14 |
| S3    | 7    | S1 and S2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO  | OR               | ON      | 2005/10/05 17:02 |
| S4    | 128  | border\$4 near2 ((base near2 station) or (access near2 point) or (node adj B))            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO  | OR               | ON      | 2005/10/05 17:04 |
| S5    | 7    | S1 and S4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO  | OR               | ON      | 2005/10/05 17:06 |
| S6    | 29   | john.in. near2 csapo.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO. | OR               | ON      | 2005/10/05 17:08 |
| S7    | 1    | jonathan.in. near2 reger.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO  | OR               | ON      | 2005/10/05 17:08 |
| S8    | 59   | joseph.in. near2 cleveland.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO  | OR               | ON      | 2005/10/05 17:08 |
| S9    | 210  | transition\$4 near2 ((base near2 station) or (access near2 point) or (node adj B))        | USPAT                                      | OR               | ON      | 2005/10/05 17:13 |
| S10   | 295  | 455/439.ccls.   | USPAT                                      | OR               | ON      | 2005/10/05 17:13 |
| S12   | 95   | S1 not S10  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO  | OR               | ON      | 2005/10/06 09:49 |
| S13   | 52   | (transition\$4 near2 ((base near2 station) or (access near2 point) or (node adj B))).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO  | OR               | ON      | 2005/10/05 17:14 |
| S14   | 295  | 455/439.ccls.   | USPAT                                      | OR               | ON      | 2005/10/06 08:15 |
| S15   | 202  | 455/443.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO  | OR               | ON      | 2005/10/06 10:08 |
| S16   | 390  | 455/439.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO  | OR               | ON      | 2005/10/06 09:50 |
| S17   | 181  | S15 not S16   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO  | OR               | ON      | 2005/10/06 09:50 |
| S18   | 29   | ("5504935"   "5697055").PN. OR ("5790528").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR               | OR               | ON      | 2005/10/06 10:05 |

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| S19 | 2259  | 455/436.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/06 12:19 |
| S20 | 619   | 455/437.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/06 12:19 |
| S21 | 7841  | (supplement\$4 or auxiliar\$4) near2 ((base near2 station) or (access near2 point) or (node adj B) or BS or BTS) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/06 12:21 |
| S22 | 85839 | handoff or handover or (hand\$4 near2 off) or (hand\$4 near2 over)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/06 12:22 |
| S23 | 32    | S21 with S22   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/06 12:25 |
| S24 | 17    | (S21 same S22) not S23   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/06 12:26 |
| S25 | 170   | (S21 and S22) not (S23 or S24)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/06 12:27 |
| S26 | 7594  | (transition\$4 or supplement\$5 or auxiliar\$4 or pass\$3 or transit or shift\$4) with (base near2 station)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 11:00 |
| S27 | 1647  | (transition\$4 or supplement\$5 or auxiliar\$4 or pass\$3 or transit or shift\$4) with (access near2 point)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 09:08 |
| S28 | 1436  | (transition\$4 or supplement\$5 or auxiliar\$4 or pass\$3 or transit or shift\$4) with (node adj B)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 09:08 |
| S29 | 2118  | (transition\$4 or supplement\$5 or auxiliar\$4 or pass\$3 or transit or shift\$4) near2 (base near2 station)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 09:08 |
| S30 | 517   | (transition\$4 or supplement\$5 or auxiliar\$4 or pass\$3 or transit or shift\$4) near2 (access near2 point)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 09:08 |
| S31 | 477   | (transition\$4 or supplement\$5 or auxiliar\$4 or pass\$3 or transit or shift\$4) near2 (node adj B)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 09:08 |
| S32 | 2284  | 455/436.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 09:08 |
| S33 | 386   | S26 and S32  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 09:08 |

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| S34 | 117    | S29 and S32   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 09:12 |
| S35 | 350842 | (second or different) near2 (network or system)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 09:15 |
| S36 | 10589  | S26 or S27 or S28   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 09:15 |
| S37 | 203    | S35 same S36  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 09:17 |
| S39 | 1703   | (intermed\$7 or middle) with (base near2 station)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 09:20 |
| S41 | 19     | S35 same S39  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 09:18 |
| S42 | 74     | S32 and S39   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 09:21 |
| S44 | 1      | "6038448".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 10:01 |
| S45 | 697    | (gateway) near2 (base near2 station)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 10:18 |
| S46 | 33     | S35 same S45  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 10:36 |
| S47 | 9      | shin.in. near2 yeong.in. near2 jong.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 10:43 |
| S49 | 1916   | 455/437-440,442-444.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 11:00 |
| S52 | 4237   | (transition\$4 or supplement\$5 or auxiliar\$4 or<br>pass\$3 or transit or shift\$4 or gateway) near2<br>((base near2 station) or (access near2 point) or<br>nodeb or (node adj b)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 11:06 |
| S53 | 172    | S49 and S52   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 11:01 |
| S54 | 162    | S53 not S37   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 11:06 |
| S56 | 38     | S53 not S37   | US-PGPUB                                  | OR | ON | 2005/10/27 11:13 |

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| S57 | 131    | (transition\$4 or supplement\$5 or auxiliar\$4 or pass\$3 or transit or shift\$4 or gateway) near2 ((base near2 station) or (access near2 point) or nodeb or (node adj b)) | JPO                                       | OR | ON | 2005/10/27 11:06 |
| S58 | 7594   | (transition\$4 or supplement\$5 or auxiliar\$4 or pass\$3 or transit or shift\$4) with (base near2 station)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 12:56 |
| S59 | 1647   | (transition\$4 or supplement\$5 or auxiliar\$4 or pass\$3 or transit or shift\$4) with (access near2 point)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 12:32 |
| S60 | 1436   | (transition\$4 or supplement\$5 or auxiliar\$4 or pass\$3 or transit or shift\$4) with (node adj B)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 12:32 |
| S61 | 350842 | (second or different) near2 (network or system)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 12:32 |
| S62 | 10589  | S58 or S59 or S60  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 12:32 |
| S63 | 203    | S61 same S62   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 12:32 |
| S64 | 1916   | 455/437-440,442-444.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 12:32 |
| S65 | 4237   | (transition\$4 or supplement\$5 or auxiliar\$4 or pass\$3 or transit or shift\$4 or gateway) near2 ((base near2 station) or (access near2 point) or nodeb or (node adj b)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 12:32 |
| S66 | 172    | S64 and S65  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 12:32 |
| S67 | 124    | S66 not S63  | USPAT                                     | OR | ON | 2005/10/27 12:32 |
| S68 | 159    | soft with hard with (handoff or (hand\$4 adj off) or handover or (hand\$4 adj over)) with (before or after)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 12:59 |
| S69 | 34     | soft with hard with (handoff or (hand\$4 adj off) or handover or (hand\$4 adj over)) with (before or after) with perform\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 13:18 |
| S70 | 125    | S68 not S69  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/27 13:19 |
| S72 | 8      | ((inter adj system) intersystem) with (hard near (hand handoff handover))) and (((intra adj system) intrasystem) with (soft near (hand handoff handover)))                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/28 06:25 |